

7000 GeV pp

Jets

Gap fraction

Gap fraction vs  $\Delta y$  (FB) ( $90 < p_T < 120$  ( $Q_0 = \bar{p}_T$ ))

- ATLAS
- Herwig++ 2.6.2 default
- Herwig 7.2.0 default
- ▲- Pythia 8.170 default
- ◆- Sherpa 1.4.3 default

2.5

2

1.5

1

0.5

0

2

1

0.5

0

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2011\_S9126244

Ratio to ATLAS

 $|\Delta y|$ 